MATSUI

MAT37LW507E
MAT42LW507E

OPERATING INSTRUCTIONS
Οδηγίες Χρήσως
BRUKSANVISNING FÖR
BETJENINGSVEJLEDNING

HDMI

COLOUR TELEVISION WITH REMOTE CONTROL
ΕΓΧΡΩΜΗ ΤΗΔΕΟΡΑΣΗ
FÄRG TV MED FJÄRRKONTROLL
FARVE - TV MED FJERNETJENING

01-ENG-37737W-42737W-1072 UK-37-42 INC1 17MB15 OEM-(HD READY)(WO VGA-WO PIP)(S 02.04.2007, 11:17

Safety Precautions

Please read the following recommended safety precautions carefully for your safety

1. Power Source

The set should be operated only from a **220-240V AC, 50 Hz.** outlet. Please check your household voltage is the same as the rated voltage of the set, or if in doubt consult a qualified electrician.

2. Power Cord

Do not place the set, a piece of furniture,etc. on the power cord (mains lead) or pinch the cord. Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cord. The power cord should be placed in such a way that they are not likely to be stepped on.

A damaged power cord can cause fire or give you an electric shock. When it is damaged and need to be changed, it should be done by qualified technician.

3. Moisture and Water

Do not use this equipment in a humid and damp place (avoid the bathroom, the sink in the kitchen, and near the washing machine). Do not expose this equipment to rain or water, as this may be dangerous and do not place objects filled with liquids,such as flower vases on top of the set. Avoid from dripping or splashing.

If any solid object or liquid falls into the cabinet, unplug the set and have it checked by qualified personnel before operating it any further

4. Cleaning

Before cleaning, unplug the set from the wall outlet. Do not use liquid or aerosol cleaners. Use soft and dry cloth.

5. Ventilation

The slots and openings on the back cover are intended for ventilation and to ensure reliable operation. To prevent overheating, these openings must not be blocked or covered in anyway.

6.Heat and Flames

The set should not be placed near to naked flames and sources of intense heat, such as an electric heater. Ensure that no naked flame sources, such as lighted candles, are placed on top of the set

7. Lightning

In case of storm and lightning or when going on holiday, disconnect the power cord from the wall outlet.

8. Replacement Part

When replacement parts are required, be sure the service technician has used replacement parts which are specified by the manufacturer or have the same specifications as the original one. Unauthorised substitutions may result in fire, electrical shock, or other hazards.

9 . Servicing

Please refer all servicing to qualified technician. Do not remove the cover yourself as this may result in an electric shock.

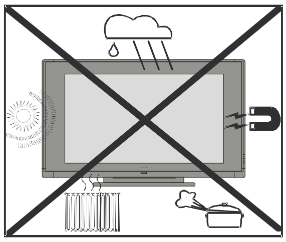
WARNING: *When the device is not in use for a long time, disconnect from power.*

Instructions for waste disposal:

- Packaging and packaging aids are recyclable and should principally be recycled. Packaging materials, such as foil bag, must be kept away from children.
- *Battery, including those which is heavy metal-free, should not be disposed of with household waste. Please dispose of used battery in an environmentally sound manner. Find out about the legal regulations which apply in your area.*
- *Cold cathode fluoresant lamp in LCD PANEL contains a small amount of mercury, please follow local ordinates or regulations for disposal.*
- *The mains plug is used to disconnect the TV from the mains and therefore it shall remain readily operable.*

Warning: *To prevent injury, this device must be securely attached to the floor/wall in accordance with the installation instrutions.*

"DO NOT LEAVE YOUR TV AT STAND-BY OR OPERATING WHEN YOU LEAVE YOUR HOUSE"



"The LCD panel is very high technology product with about a million thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product."

Be sure to ground the connection properly.

Connect the ground terminal of TV with the ground terminal provided at the power outlet using the enclosed power cord. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.

Surely connect the ground wire.

Contents

TV Accessory

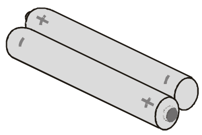
Remote Control

Part Number: 30037770



Battery

Part Number: 30002391

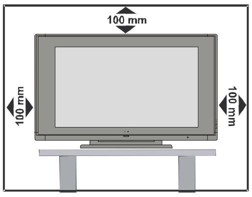


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Preparation

For ventilation, leave a space of at least 10 cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set.

Use this apparatus in moderate climates.



Features

- Remote controlled colour television.
- 100 programmes from VHF, UHF bands or cable channels can be preset.
- It can tune cable channels.
- Controlling the TV is very easy by its menu driven system.
- It has 2 SCART sockets for external devices (such as video, video games, audio set, etc.)
- Stereo sound system (German+Nicam).
- Full function Teletext .

  Fastext (1000 Pages), TOP text.
- Headphone connection.
- Direct channel access.
- A.P.S. (Automatic Programming System).
- All programmes can be named.
- Forward or backward automatic tuning.
- Sleep timer.
- Child Lock.
- Automatic sound mute when no transmission.
- NTSC Playback.
- AV in and S-VHS in are available.
- It has an HDMI connector for Digital Video and Audio. This connection is also designed to accept High Definition signals.
- AVL (Automatic Volume Limiting)
- When no valid signal is detected, after 5 minutes the TV switches itself automatically to stand-by mode.
- PLL (Frequency Search)
- Stereo PC Audio Input
- 3D Comb Filter
- Audio Line Out

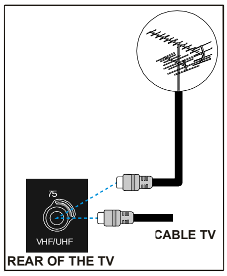
Before Switching On Your TV

Power Connection

IMPORTANT: *The TV set is designed to operate on* ***220-240V AC, 50 Hz.***

- After unpacking, allow the TV set to reach room temperature before you connect the set to the mains.

Connections To The Aerial Input Socket



NOTE : Connect the aerial or cable TV plug to the Aerial input socket located at the rear of the TV and connect the cable plug coming out from the TV out socket located on the devices (VCR, DVB-T etc.) to this socket as well.

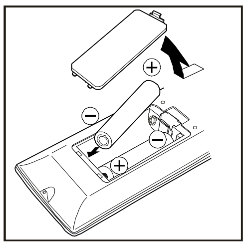
How To Connect Other Devices

IMPORTANT: Switch off the TV before connecting any external device.

Sockets for external connections are at the rear side of the TV. For connection of other devices via SCART refer to the manuals of the related devices.

Inserting Batteries In The Remote Control Handset

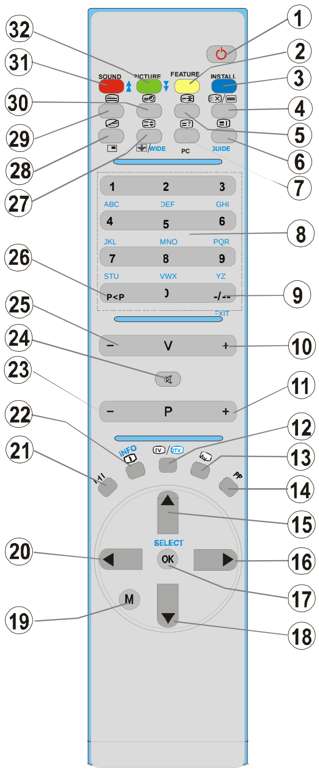
- Remove the battery cover located on the back of the handset by gently pulling downwards from the indicated part.
- Insert two **AAA/R03** or equivalent type batteries inside. Place the batteries in the right direction.
- Replace the battery cover.



NOTE: *Remove the batteries from remote control handset when it is not to be used for a long period.Otherwise it can be damaged due to any leakage of batteries.*

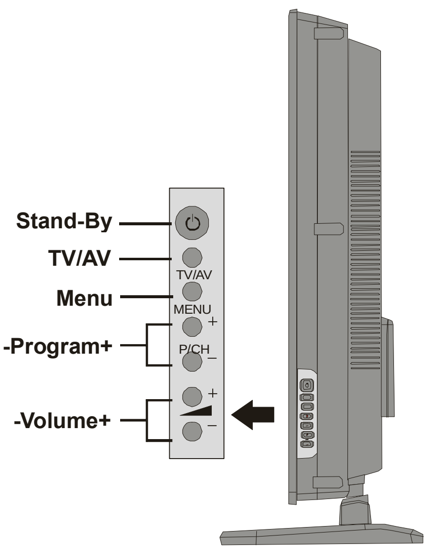
Remote Control Buttons

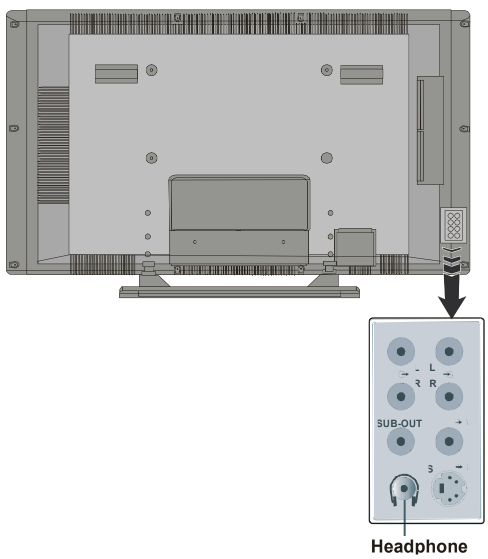
1. = Stand By
2. **YELLOW / FEATURE** = Feature Menu
3. **BLUE / INSTALL** = Install Menu
4. / = Update / No Function
5. = Hold
6. / GUIDE = Index Page
7. / PC = Reveal / No Function
8. **0 - 9** = Direct Programme
9. -/-- / EXIT = No Function
10. **V+** = Volume Up
11. **P +** = Programme Up
12. TV / DTV = TV / Quit Menu
13. AV = Source Select
14. PP = Picture Mode Selection (Natural, Cinema, Dynamic)
15. ▲ = Cursor Up



16. ▶ = Cursor Right
17. **OK/SELECT** = Okay / Freeze Picture
18. ▼ = Cursor Down
19. **M** = Main Menu
20. ◀ = Cursor Left
21. **I-II** = Mono/Stereo - Dual A-B
22. / INFO = Info
23. **- P** = Programme Down
24. = Mute
25. **- V** = Volume Down
26. P<P = Previous Programme
27. /WIDE / = Wide / Expand
28. / = No Function / Mix
29. = Teletext
30. = Time / Subpage
31. **RED / SOUND =** Sound Menu
32. **GREEN / PICTURE =** Picture Menu

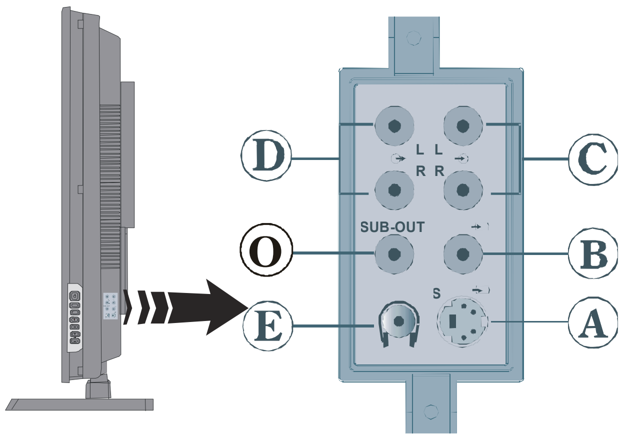
LCD TV



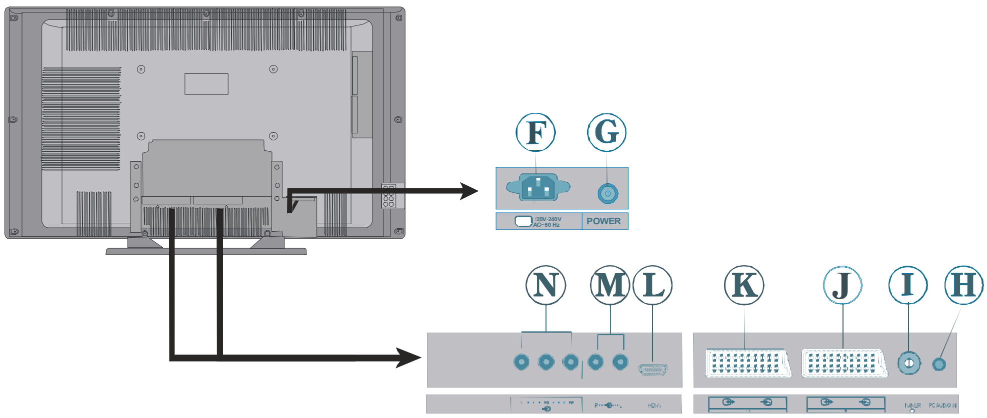


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Peripheral Equipment Connections



- Ⓐ S-VHS Input ------>EXT-4S
- Ⓑ Video Input
- Ⓒ Audio Inputs
  (Ⓑ and Ⓒ: EXT-4)
- Ⓓ Audio Line Out
- Ⓔ Headphone
- Ⓕ Power cord input
- Ⓖ Power On/Off switch
- Ⓗ PC Audio input
- Ⓘ Aerial
- Ⓙ SCART 2 (EXT-2)
- Ⓚ SCART 1 (EXT-1)
- Ⓛ HDMI Input (EXT-5)
- Ⓜ Component Audio Inputs
- Ⓝ Component Video (YPbPr) Inputs
  (Ⓜ and Ⓝ: EXT-3)
- Ⓞ Subwoofer Out



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Switching The TV ON/OFF

To switch the TV on:

Your TV will switch on in two steps:

1- Connect the power supply cord to the system. Press On/Off switch at the rear of the TV. Then the TV switches itself to stand-by mode and the LED becomes BLUE located on the front of the TV.

2- To switch on the TV from stand-by mode either:

Press a digit button on the remote control so that a programme number is selected,

or,

Press "⏻", "**-P/CH**" or "**P/CH+**" button on the right side of the TV or press **"-P/CH"** or **"P/CH+"** button on the remote control, so that last switched off programme is selected.

By either ways the TV will switch on and the LED will turn off.

To switch the TV off:

• Press the "stand-by" button on the remote control, so the TV will switch to stand-by mode and the LED will become **BLUE**,

or,

Press the "⏻" button located on the right side of the TV, so the TV will switch off and the LED will become BLUE.
To power down the TV completely, press On/Off switch,

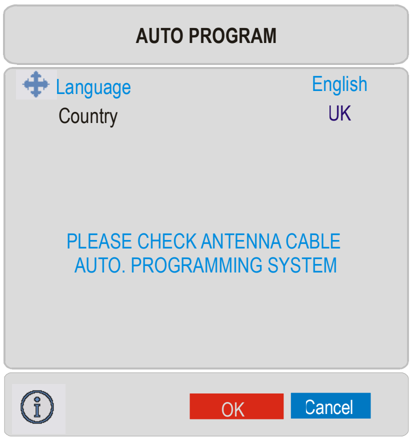
or

unplug the power cord from the mains socket.

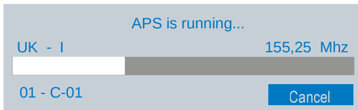
Initial Settings

Initial APS (Automatic Programming System)

The following menu will be displayed on the screen when you turn your TV on for the first time. APS, searches and sorts all channels and stores them automatically on your TV, according to the transmission of programme systems in your area.



First of all choose **Language** and **Country** by using "▲" or "▼" and "◀" or "▶" buttons. This will affect the sort process in APS. To start APS, press the **RED** or "**OK**" button.



After APS is finalized, the programme table will appear on the screen. In the programme table you will see the programme numbers and names assigned to the programmes.

If you do not accept the locations and / or the programme names of programmes, you can change them from the Program Menu.

Operating The TV

You can operate your TV using both the remote control handset and the buttons on the set.

Operating with the buttons on the TV set

Volume setting and programme selection can be made by using the buttons on the control panel at the top of the TV.

Volume Setting

Press the **"VOLUME-"** button to decrease volume or the **"+ VOLUME"** button to increase volume, so a volume level scale (slider) will be displayed at the bottom of the screen.

Programme Selecting

Press the **"+P/CH"** button to select the next programme or the **"P/CH-"** button to select the previous programme.

Entering The Menu

Press the "**M**" button on the control panel at the top of the TV to enter the menu.

"+P/CH" / **"PCH-"** and **"VOLUME -"** / **"+ VOLUME"** buttons on the TV are used as navigation buttons in the menu.

AV Mode

Press the **"TV / AV"** button on the control panel at the top of the TV to switch your TV to EXT modes.

Operating With Remote Control

The remote control handset of your TV is designed to control all the functions of your TV. The functions will be described in accordance with the menu system of your TV.

Functions of the menu system are described in Menu System section.

Volume Setting

Press the **"V+"** button to increase volume. Press the **"- V"** button to decrease volume. A volume level scale (slider) will be displayed at the bottom of the screen.

Programme Selecting

(Previous or next programme)

- Press the **"-P"** button to select the previous programme.
- Press the **"P+"** button to select the next programme.

Programme Selecting (direct access):

Press digit buttons on the remote control handset to select programmes between 0 and 9. The TV will switch to the selected programme after a short delay.

- For a two digit programme number enter the second digit after pressing the first digit within 2 seconds.

Menu System

Your TV has been designed with a menu system to provide easy manipulation of a multifunction system.

Press the **"M"** button to enter the menu. Press "◄" or "►" button to select a menu title and then "▲" or "▼" button to select a menu item and "◄" or "►" or "**OK**" button to enter the menu item.

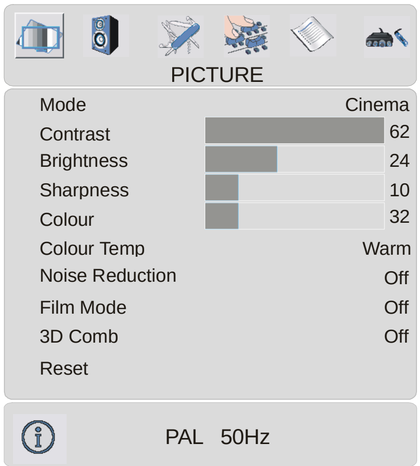
You can access the menus directly by pressing the coloured buttons on the remote control:

Red Button	Sound Menu
Green Button	Picture Menu
Yellow Button	Feature Menu
Blue Button	Install Menu

- Press the **"M" or** (TV) button to return to the previous menu.

Picture menu

By pressing "◄" or "►" button, select the first icon. Picture menu appears on the screen.



Mode

By pressing "▲" or "▼" button, select **Mode**. Press "◄" or "►" button to choose one of these options: **Natural**, **Cinema** and **Dynamic**.

Picture Mode can be directly changed via pressing the **"PP"** button on the remote control.

Contrast

By pressing "▲" or "▼" button, select **Contrast**. Press "▶" button to increase contrast. Press "◀" button to decrease contrast. Contrast level can be adjusted between 0 and 63.

Brightness

By pressing "▲" or "▼" button, select **Brightness**. Press "▶" button to increase brightness. Press "◀" button to decrease brightness. Brightness level can be adjusted between 0 and 63.

Sharpness

By pressing "▲" or "▼" button, select **Sharpness**. Press "▶" button to increase sharpness. Press "◀" button to decrease sharpness. Sharpness level can be adjusted between 0 and 31.

Colour

By pressing "▲" or "▼" button, select **Colour**. Press "▶" button to increase colour. Press "◀" button to decrease colour. Colour level can be adjusted between 0 and 99.

Hue

This item is displayed in picture menu when the TV receives an NTSC signal. By pressing "▲" or "▼" button, select **Hue**. Press "▶" button to increase hue level. Press "◀" button to decrease hue level. Hue level can be adjusted between -31 and 31.

Colour Temp

By pressing "▲" or "▼" button, select **Colour Temp**. Press "◀" or "▶" button to choose one of these options: **Cool**, **Normal** and **Warm**.

Noise Reduction

This item is used to reduce the image noise and improve the picture quality at weak signals.

By pressing "▲" or "▼" button, select **Noise Reduction.** Press "◀" or "▶" button to set **Noise reduction** level to **Off**, **Low**, **Medium** or **High.**

Film Mode

Films are recorded at a different number of frames per second to normal television programmes.

By pressing "▲" or "▼" button, select **Film Mode.** Press "◀" or "▶" button to set this feature On or Off. Turn this feature on when you are watching films to see the fast motion scenes clearly.

3D Comb

3D Comb is used to improve colour transitions and colour quality of pictures.

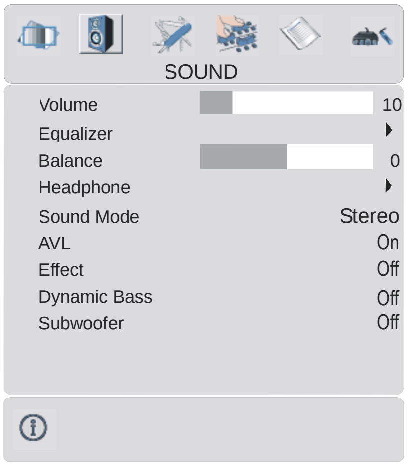
By pressing "▲" or "▼" button, select **3D Comb.** Press "◀" or "▶" button to set this feature On or Off.

Reset

By pressing "▲" or "▼" button, select **Reset.** Press "◀" or "▶" or "**OK**" button to reset the picture modes to factory default settings.

Sound menu

By pressing "◀" or "▶" button, select the second icon. Sound menu appears on the screen.

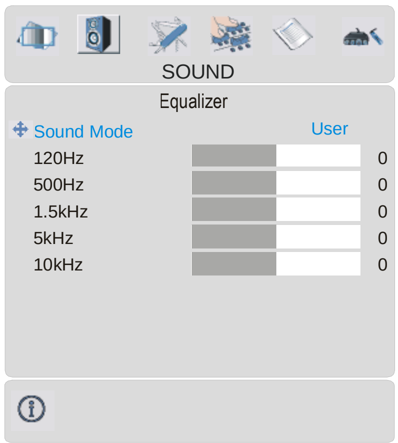


Volume

By pressing "▲" or "▼" button, select **Volume.** Press "▶" button to increase volume level. Press "◀" button to decrease volume level. Volume level can be adjusted between 0 and 63.

Equalizer

By pressing "▲" or "▼" button, select **Equalizer.** Press "◀" or "▶" or "**OK**" button to enter equalizer menu.



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In equalizer menu the sound mode can be changed to **User, Pop, Rock, Jazz, Flat** and **Classic** by pressing "◄" or "►" button. Equalizer menu settings can be changed only when **Sound Mode** is **User.** Select the desired frequency by "▲" or "▼" button and increase or decrease the frequency gain by pressing "◄" or "►" button.

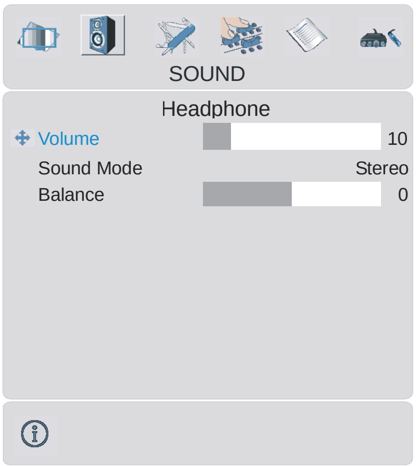
Press the **"M"** button to return to the previous menu.

Balance

By pressing "▲" or "▼" button, select **Balance.** Press "►" button to increase balance to the right. Press "◄" button to increase balance to the left. Balance level can be adjusted between -31 and 31.

Headphone

By pressing "▲" or "▼" button, select **Headphone.** Press "◄" or "►" or "**OK**" button to enter hedphone menu.



volume

By pressing "▲" or "▼" button, select **Volume.** Press "►" button to increase hp volume level. Press "◄" button to decrease hp volume level. Headphone volume level can be adjusted between 0 and 63.

sound mode

By pressing "▲" or "▼" button, select **Sound Mode.** Press "◄" or "►" button to change sound mode.

Sound mode is used to identify sound mode of the headphone and can be set to **mono, stereo, dual A** or **dual B** according to the transmission.

balance

By pressing "▲" or "▼" button, select **Balance.** Press "►" button to increase balance to the right. Press "◄" button to decrease balance to the left.

Balance level can be adjusted between -31 and 31.

Press the **"M"** button to return to the previous menu.

Sound Mode

By pressing "▲" or "▼" button, select **Sound Mode.** Press "◄" or "►" button to change the mode.

You can select **Mono**, **Stereo, Dual A** or **Dual B** mode, only if the selected channel supports that mode.

In case of bilingual broadcast (Dual Sound), you can select original or dubbed language using mode option.

AVL

Automatic Volume Limiting (AVL) function adjusts the sound to obtain fixed output level between programs, having different sound levels.

Pressing "◄" or "►" button will turn this feature on or off.

Effect

You can use this feature to switch the sound effect on or off. If the current sound system is Mono and the sound effect is switched on, then the sound will be heard as if it is Stereo. If the current sound system is Stereo, switching this effect on will give a more spatial effect.

Pressing "◄" or "►" button will turn this feature on or off.

Dynamic Bass

Dynamic Bass is used to increase bass effect of the TV set.

By pressing "▲" or "▼" button, select **Dynamic Bass.** By pressing "◄" or "►" button set Dynamic bass to Low, High or Off. It is not recommended to select High if listening at high volume levels. There is a subwoofer output that can accept an active subwoofer if you wish to create very high levels of Bass.

Subwoofer is active only if Dynamic Bass is set to Off.

SubWoofer

It is possible to connect an external, active subwoofer to the set to give a much deeper bass effect.

By pressing "▲" or "▼" button, select Subwoofer. Subwoofer can be set to On or Off.

Dynamic Bass is not available if Subwoofer is set to On.

Set Subwoofer to On when you connect an external subwoofer to the set.

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Feature menu

By pressing "◄" or "►" button, select the third icon. Feature menu appears on the screen.



Sleep Timer

By pressing "▲" or "▼" button, select **Sleep Timer.** The timer can be programmed between Off and 2 hours in steps of 10 minutes by pressing "◄" or "►" button. If sleep timer is activated, at the end of the selected time, the TV automatically goes into standby mode.

Child Lock

You can use this feature to prevent children from turning the TV on or changing programmes or adjustments etc. without remote control.

The child lock feature can be set by "◄" or "►" button to either **On** or **Off**. When **Off** is selected, there will be no difference in the operation of your TV. When **On** is selected, the TV can only be controlled by the remote control handset. In this case the control panel buttons, except the Power on/off button, at the rear side of the TV will not work. If one of these buttons is pressed, "Child Lock On" will be displayed on the screen.

Language

By pressing "▲" or "▼" button, select **Language.** By pressing "◄" or "►" button, you can select the language.

Ext-2 Out

By pressing "▲" or "▼" button, select **Ext-2 Out.** You can set **Ext-2 Out** to **TV, EXT-1, EXT-3, EXT-4 or EXT-5** by pressing "◄" or "►" button.

Note: Only audio output is available for EXT-3 and EXT-5. The other options have both audio and video outputs.

Default Zoom

By pressing "▲" or "▼" button, select **Default Zoom.** You can set **Default Zoom** to **Panoramic, 4:3** or **14:9 Zoom** by pressing "◄" or "►" button.

If there is no WSS or aspect ratio (picture size) information and zoom mode is selected as **Auto** by pressing the **"WIDE"** button, then the zoom mode will automatically change to Default Zoom setting. See also Zoom Modes on ***page 13.***

Menu Background

By pressing "▲" or "▼" button, select **Menu Background.** You can change menu background to **Translucent** or **Opaque** by pressing "◄" or "►" button.

Menu Timeout

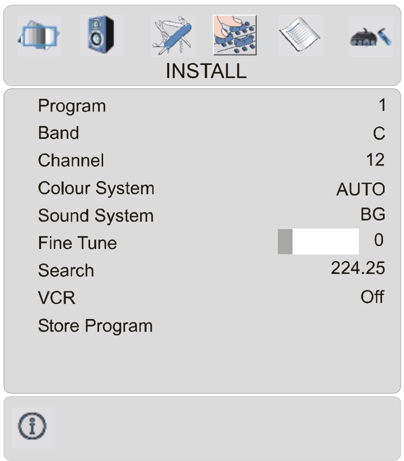
By pressing "▲" or "▼" button, select **Menu Timeout.** Press "◄" or "►" button to change menu timeout to **15 sec, 30 sec** or **60 sec.**

Teletext Language

By pressing "▲" or "▼" button, select **Teletext Language.** Press "◄" or "►" button to change Teletext Language to **West, East, Cyrillic, Turk/Gre** or **Arabic.** This will normally be set to West for Western Europe.

Install menu

By pressing "◄" or "►" button, select the fourth icon. Install menu appears on the screen.



Program

By pressing "▲" or "▼" button, select **Program.** Press "◄" or "►" button to select the program number. You can also enter a number via

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digit buttons on the remote control. There are 100 program storage between 0 and 99.

Band

Band can be selected either "C" or "S" by pressing "◄" or "►" button.

Channel

Channel can be changed by "◄" or "►" button or Digit Buttons.

Colour System

By pressing "▲" or "▼" button, select **Colour System.** Press "◄" or "►" button to change the colour system to **PAL, SECAM, PAL60** or **AUTO**.

If Sound System is set to **I, SECAM** is not available for the Colour System.

Note: In EXT mode, you can choose NTSC 3.58 and NTSC 4.43 as well.

Sound System

By pressing "▲" or "▼" button, select **Sound System.** Press "◄" or "►" button to change the sound system to **BG, DK, I, L or LP**.

Fine Tune

By pressing "▲" or "▼" button, select **Fine Tune.** Press "◄" or "►" button to adjust the tuning.

Search

By pressing "▲" or "▼" button, select **Search.** Press "◄" or "►" button to start program searching. The searching will stop when a signal is found. You can also enter a frequency value directly by pressing the digit buttons.

VCR (Video Cassette Recorder)

• If you want to watch a **VCR** source then it will be better to set **VCR** mode "on". For this, while the cursor is on this item press the "◄" or "►" buttons to set it "**On**".

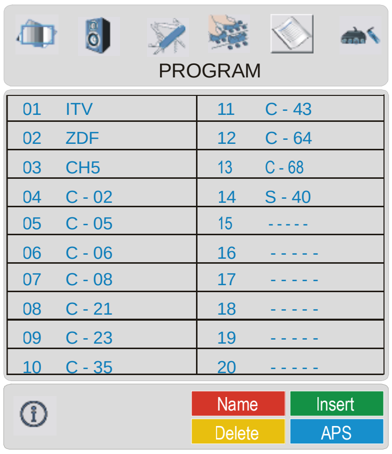
• If you want to watch a **DVD**, then you must set this item "**Off**".

Store Program

By pressing "▲" or "▼" button, select **Store Program.** Press "◄" or "►" or "**OK**" button to store the adjustments. "Program Stored" will be displayed on the screen.

Program menu

By pressing "◄" or "►" button, select the fifth icon. Program menu appears on the screen.



By moving the cursor in four directions you can reach 20 programmes in the same page. You can scroll the pages up or down by pressing the navigation buttons to see all the programmes in TV mode (except the AV mode). By cursor action, programme selection is done automatically.

Name:

To change the name of a decided programme, select the programme and press the RED button.

The first letter of the selected name starts to blink. Press "▲" or "▼" button to change that letter and "◄" or "►" button to select the other letters. By pressing the RED button, you can store the name.

Insert:

Select the programme which you want to insert by navigation buttons. Press the GREEN button. By navigation buttons move the selected programme to the decided programme space and press the GREEN button again.

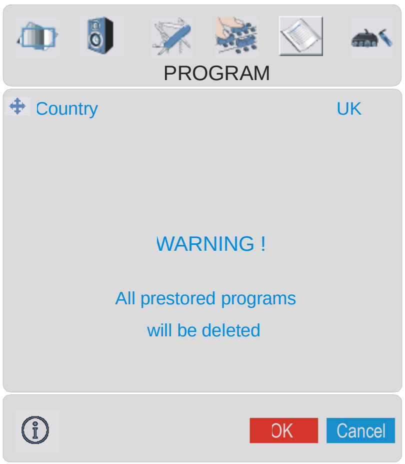
Delete:

To delete a programme, press the YELLOW button. Pressing the YELLOW button again erases the selected programme from the programme list, and the programmes below shift one up.

APS (Automatic Programming System)

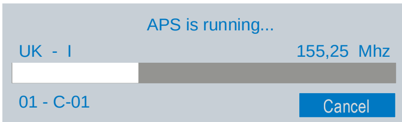
When you press the BLUE button for APS, the following warning screen will be displayed.

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Press the BLUE button to cancel APS if you do not want to delete your existing programme list.

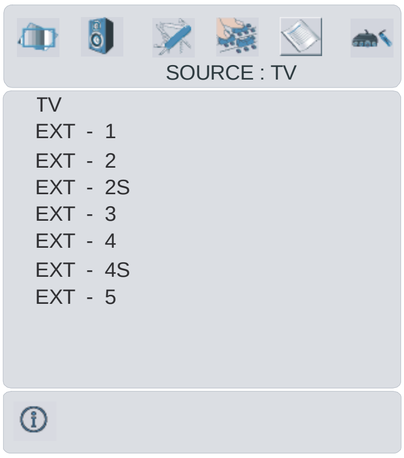
To continue APS, first select the country by pressing "◀" or "▶" button and then press the RED or "**OK**" button.



After APS is finalized, the programme table will appear on the screen.

Source menu

By pressing "◀" or "▶" button, select the sixth icon. Source menu appears on the screen.



In source menu, highlight a source by pressing "▲" or "▼" button and switch to that mode by pressing "◀" or "▶" or "**OK**"button.

Other Features

TV Status

Programme Number, **Programme Name**, **Sound Indicator** and **Zoom Mode** are displayed on the upper right side of the screen when a new programme is entered, button is pressed.

Mute Indicator

It is placed in the upper left side of the screen when enabled.



To cancel mute, there are two alternatives; the first one is pressing the button and the second one is increasing/decreasing the volume level.

Freeze Picture

You can freeze the picture on the screen by pressing the **OK** button.

Zoom Modes

Zoom mode can be changed by pressing the **WIDE** button. You can change the screen size according to the picture aspect ratio. Select the optimum one from the following **ZOOM** modes.

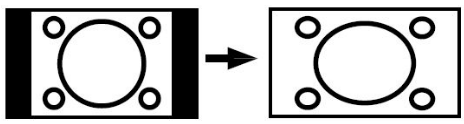
Auto:

When a **WSS (Wide Screen Signalling)** signal, which shows the aspect ratio of the picture, is included in the broadcast signal or the signal from an external device, the TV automatically changes the **ZOOM** mode according to the **WSS** signal.

- When the **AUTO** mode does not function correctly due to poor **WSS** signal quality or when you want to change the **ZOOM** mode, change to another **ZOOM** mode manually.

Full:

This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen.

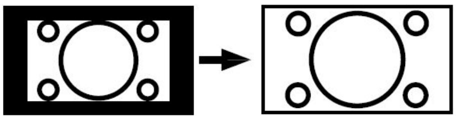


- For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), use the **Full** mode to restore the picture to its original shape.

Cinema:

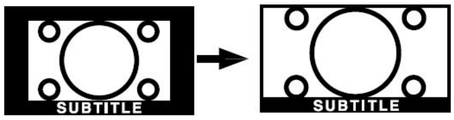
This zooms up the wide picture (16:9 aspect ratio) to the full screen.

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16:9 Subtitle:

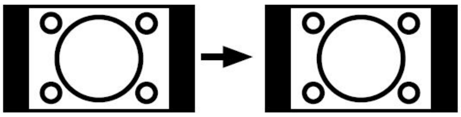
This zooms up the wide picture (16:9 aspect ratio) with subtitles to the full screen.



“Default Zoom” Modes:

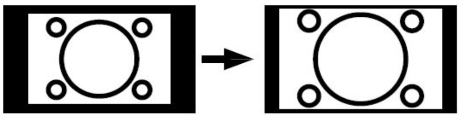
4:3

Use to view a normal picture (4:3 aspect ratio) as this is its original shape.



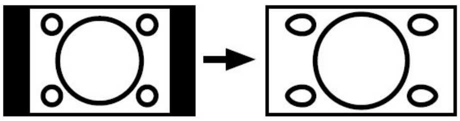
14:9 Zoom:

This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen.



Panoramic:

This stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the screen, without making the picture appear unnatural.



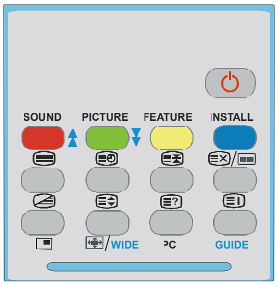
The top and bottom of the picture are slightly cut off.

Teletext

Teletext is an information system that displays text on your TV screen. Using the Teletext information system you can view a page of information on a subject that is available in the list of contents (index).

To Operate Teletext

- Select a TV station where Teletext is being transmitted.
- Press the button. Usually the list of contents (index) is displayed on the screen.



To Select A Page Of Teletext

- Press the appropriate digit buttons for the required Teletext page number.

The selected page number is displayed in the top left corner of the screen. The Teletext page counter searches until the selected page number is located, the desired page is then displayed on the screen.

- Press the “▲” or “**P +**” button to move the Teletext screen forward one page at a time.
- Press the “▼” or “**- P**” button to move the Teletext screen backward one page at a time.

To Select Index Page

- To select the page number of the index (generally page 100), press the button.

To Select Teletext With A TV Programme

- Press the button. The text is now superimposed over the programme on the screen.
- Press the button again to return to the Teletext page.

To Select Double Height Text

- Press the button for the top half of the information page to be displayed in double height text.
- Press the button again for the bottom half of the information page to be displayed in double

height text.

- Press the button once more for the full page of normal height text.

To Reveal "Concealed" Information

- Pressing the button once will reveal answers on a quiz or games page.
- Pressing the button again will conceal the revealed answers.

To Stop Automatic Page Change

The teletext page you have selected may contain more information than what is on the screen; the rest of the information will be displayed after a period of time.

- Press the button to stop the automatic page change.
- Press the button again to allow the next page to be displayed.

To Select A Subcode Page

Subcode pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time.

- Select the required Teletext page.
- Press the button.
- Select the required subcode page number by pressing four digit buttons (e.g. 0001).
- If the selected subcode page is not displayed in a short time, press the button. TV programme will be displayed on the screen.
- Teletext page number will be displayed on the upper left corner of the screen when the selected page is found.
- Press the button to display the selected Teletext page.

To Exit Teletext

- Press the button. The screen will switch to TV mode.

To Display The Time

- While watching a TV programme with Teletext transmission press the button. The current time information, captured from Teletext will be displayed on the screen.
- If the programme being watched does not have Teletext transmission, no information will be displayed.

Fastext

Your TV supports the 1000 page Teletext system. When the page number of any of the 1000 pages in memory is entered, the system will not search for the requested page; instead it will display the page automatically. If the requested page is not in memory, the system will search for the requested page number and save the 1000 pages including the requested page into memory after finding it.

- Press the "▲" button to move the Teletext screen forward one page at a time.
- Press the "▼" button to move the Teletext screen backward one page at a time.

For Fastext

The subject-heading for the information may have a particular colour.

- Press an appropriate **RED**, **GREEN**, **YELLOW** or **BLUE** button in order to reach the relevant page quickly.

For TOP text

TOP text mode of operation will be activated automatically according to the transmission.

- If TOP text transmission is present, colour coded buttons will appear in status row.
- If TOP text transmission is not present, status row will not appear.

The subject-heading for information may be located in coloured box.

In Top mode the "▲" or "▼" commands will request the next or previous page respectively. If TOP text transmission is not available, in case of operation of these commands, wraparound occurs. For example page 100 appears to be one greater than page 199.

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Connect Peripheral Equipment

There is a wide range of audio and video equipment that can be connected to your TV.

The following connection diagrams show you where the different (Optional) equipment should be connected at the rear side of the TV.

High Definition

Your LCD Television is capable of displaying High Definition pictures from devices such as a High Definition Satellite Receiver or DVD Player. These devices must be connected via the HDMI socket (EXT-5) or Component Socket (EXT-3). These sockets can accept either 720p or 1080i signals.

Note: For proper connection of a device to HDMI input of your TV via using a DVI-to-HDMI cable, use Ext Audio In (PC Audio In) for sound connection.

Via The SCART

LCD TV has 2 SCART sockets. If you want to connect peripherals (e.g. video, decoder, etc.) which have SCART sockets to the TV, use SCART 1 or SCART 2.

If an external device is connected via the SCART sockets, the TV will be switched to AV mode automatically.

• Do not connect Digital Set Top Box devices via SCART 1. Use SCART 2.

Via Aerial Input

If you want to connect to your TV, peripherals like video recorders or decoders, but the device you want to connect does not have a SCART socket, you should connect it to the Aerial input of the TV.

If the VCR is connected via Aerial input it is suggested to use Programme 0.

Decoder

Cable TV offers you a wide choice of programmes. Most of them are free, others are to be paid for by the viewer. This means that you will need to subscribe to the broadcasting organisation whose programmes you wish to receive. This organisation will supply you a corresponding decoder unit to allow the programmes to be unscrambled.

For further information ask your dealer. See also the booklet supplied with your decoder.

Connect a decoder with an aerial socket to the TV

• Connect the aerial cable.

Connect a decoder without an aerial socket to the TV

• Connect the decoder to the TV with a SCART cable to **SCART 1**.

TV And Video Recorder

• Connect the aerial cables.

Better picture quality can be obtained if you also connect a SCART cable to **SCART** sockets.

Playback NTSC

To use this option you can;

• Connect an NTSC VCR player to a SCART socket at the rear side of the TV.

• Connect an NTSC VCR player to RCA Jacks at the right side of the TV.

Then, press AV button to select appropriate source.

Copy Facility

Source selection for **VCR** recording.

• Select **Feature** menu.

• Select **Ext-2 Out** by pressing "◄" or "►" button.

• Select a source to copy the picture from that source.

Search For And Store The Test Signal Of The Video Recorder

• Unplug the aerial cable from the aerial socket of your video recorder.

• Switch on your TV and put the video recorder on the test signal. (See the booklet for your video recorder.)

• Enter the **Install** menu and select **search**.

• Search for the test signal of your video recorder in the same way as you searched for and stored the TV signals. Store the test signal under programme number 0.

• Replace the aerial cable in the aerial socket of your video recorder once you have stored the test signal.

Camera And Camcorder

To Connect To AV Input

Connect your camera or camcorder to AV (EXT-4) input at the right side of the TV.

• Connect your equipment to the TV via **VIDEO** (yellow), **AUDIO R** (red) and **AUDIO L** (white) inputs. You must connect the jacks to the input using the same colour.

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To Connect To S-VHS Input

Connect your camera or camcorder S-VHS input (EXT-4S) at the right side of the TV.

- Connect your equipment to the TV via S-VHS input and audio inputs of AV inputs by using S-VHS cables.

EXT-2 S Mode

If the equipment connected to your TV set supports S-Video (Y/C) output from Euroconnector, you can have a better picture quality by selecting **EXT-2 S** mode and connecting your equipment to the **EXT.2 (EXT-2 S)** terminal of TV. See your equipment's booklet to check if your equipment has such feature.

Connect The Decoder To The Video Recorder

Some video recorders have a special SCART socket for decoder.

- Connect a SCART cable to the SCART socket of your decoder and to the special SCART socket of your video recorder. Refer to the booklet of your video recorder.
- To connect your video recorder to the TV, refer to the TV and Video Recorder section.

If you want to connect more equipment to your TV, consult your dealer.

Connecting Headphones

Use the stereo headphone socket at the right side of the TV, to connect headphones.

Connecting Subwoofer

Use **Subwoofer Out** socket to connect an external, active subwoofer to the set to give a much deeper bass effect.

Connecting External Equipment

To connect audio amplifiers or home theatre systems to your TV, use the Audio Line Outs of the TV.

Tips

Care Of The Screen

Clean the screen with a slightly damp, soft cloth. Do not use abrasive solvents as they may damage the TV screen coating layer.

Poor Picture

Have you selected the correct TV system? Is your TV set or house aerial located too close to non-earthed audio equipment or neon lights, etc.?

Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial.

Is the picture or Teletext unrecognisable? Check if you have entered the correct frequency.

The picture quality may degrade when two peripherals are connected to the TV at the same time. In such a case, disconnect one of the peripherals.

No Picture

Is the aerial connected properly? Are the plugs connected tightly to the aerial socket? Is the aerial cable damaged? Are suitable plugs used to connect the aerial? If you are in doubt, consult your dealer.

No Picture could mean that your TV is not receiving a transmission. Have you selected the correct button on the remote control?

Sound

Has the mute button been pressed?

Sound is coming from only one of the speakers. Is the balance set to one extreme? See **Sound** menu.

Remote Control

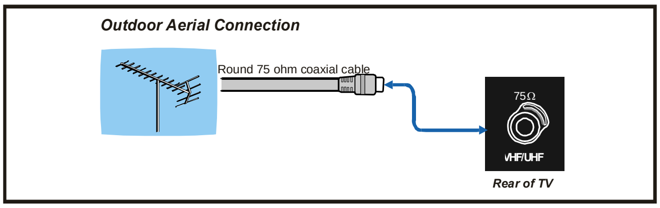
Your TV no longer responds to the remote control. Perhaps the batteries are exhausted. If so you can still use the local buttons at the side of the TV.

Have you selected the wrong menu? Press the TV button to return to TV mode or press the "**M**" button to return to the previous menu.

No solution:

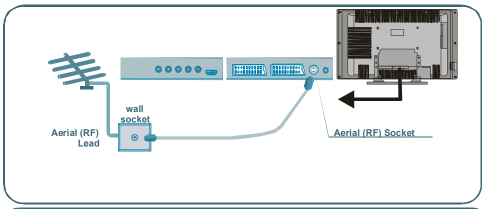
Do not attemt to repair the TV yourself. Contact a qualified service engineer.

Aerial Connection

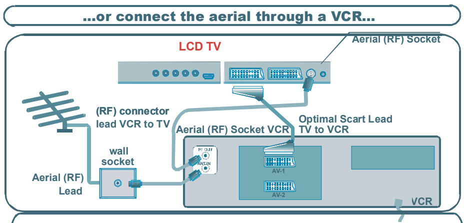


Connect Peripheral Equipment

either connect the aerial straight to your TV...

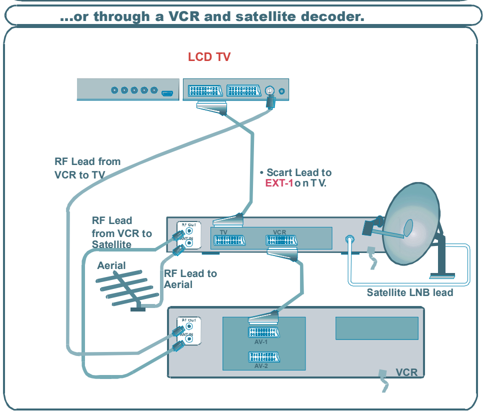


...or connect the aerial through a VCR...

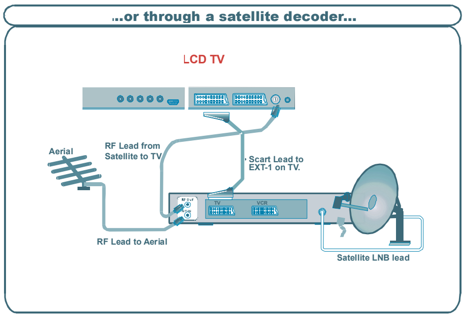


• It is recommended that a scart lead should be fitted between your TV and VCR to enhance your picture and sound quality. Scart leads are essential if you have a stereo TV and VCR and wish to obtain stereo sound from your equipment. These leads can be purchhased from your dealer or any good High Street electrical retailer.

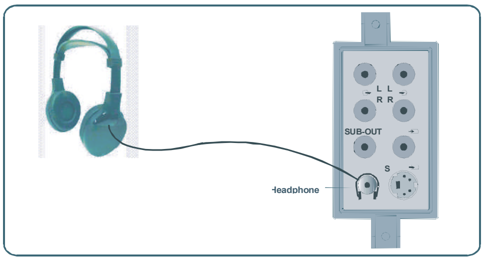
...or through a VCR and satellite decoder.



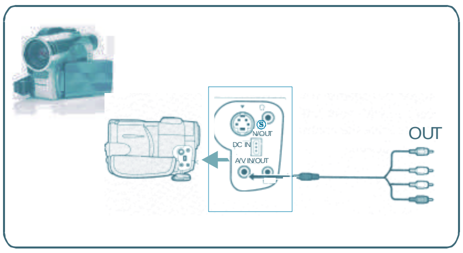
...or through a satellite decoder...



headphone connection



camcorder connection



Specifications

TV BROADCASTING
PAL/SECAM B/G D/K K' I/I' L/L'

RECEIVING CHANNELS
VHF (BAND I/III)
UHF (BAND U)
HYPERBAND
CABLE TV (S1-S20/ S21-S41)

NUMBER OF PRESET CHANNELS 100

CHANNEL INDICATOR
On Screen Display

RF AERIAL INPUT
75 Ohm (unbalanced)

OPERATING VOLTAGE
220-240V AC, 50 Hz.

AUDIO
German+Nicam Stereo

AUDIO OUTPUT POWER ($W_{RMS.}$) (%10 THD)
2 x 8

PANEL
16:9 display, 37" Screen Size

POWER CONSUMPTION (W)
180 W
2,3 W (Stand-by)

DIMENSIONS (mm)				
D	L	H	Weight (kg)	
250	1062	646	21,2	With foot
128	1062	607	19,4	Without foot

PANEL
16:9 display, 42" Screen Size

POWER CONSUMPTION (W)
210 W
1,3 W (Stand-by)

DIMENSIONS (mm)				
D	L	H	Weight (kg)	
285	1185	744	29,2	With foot
124	1185	693	26,4	Without foot

HDMI Display Modes List

Horizontal pixels x Vertical Scan Line	Front Rate	Aspect Ratio
1920x1080i	60Hz	16:9
1920x1080i	50Hz	16:9
1280x720p	60Hz	16:9
1280x720p	50Hz	16:9
720x576p	50Hz	16:9
720x480p	60Hz	16:9
720x576i	50Hz	16:9
720x480i	60Hz	16:9
640x480	60Hz	4:3

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